

INTERNATIONAL SEARCH REPORT

International application No.

PCT/ES 2005/000092

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 : B64C 27/24, 27/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 : B64C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

CIBEPAT, EPODOC, WPI, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|----------------------------------------------------------------------------------------------|------------------------|
| Y A | US 2964263 A (ARENA) 13.12.1960. the whole document | 7, 15-16, 19 1, 5-6 |
| Y A | US 3490720 A (GIRARD) 20.01.1970. the whole document | 7, 15-16, 19 1, 5 |
| A | US 2198941 A (JACOBS) 30.04.1940. the whole document | 1, 5-7, 13, 15-16 |
| A | US 3563496 A (ZUCK) 16.02.1971. Column 9, line 56 - column 10, line 35; figures 1-2, 4, 8-9. | 1, 7, 15-17 |
| A | US 5405104 A (PANDE) 11.04.1995. the whole document | 1, 7, 13, 15, 19 |
| A | US 2002011539 A1 (CARTER, JR.) 31.01.2002. | |
| A | US 3647315 A (ROSTAD et al.) 07.03.1972. | |
| A | US 4793572 A (MECCA) 27.12.1988. | |
| A | US 6234422 A (BOLONKIN) 22.05.2001. | |



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"Z" document member of the same patent family

Date of the initial completion of the international search

31 May 2005 (31.05.05)

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Name and mailing address of the ISA/

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International application No.

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
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| A | US 1996750 A (DE LA CIERVA) 09.04.1935. | |

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/ES 2005/000092

| Patent document cited in search report | Publication date | Patent family member(s) | Publication date |
|-------------------------------------------|---------------------|--------------------------------|--------------------------|
| US2964263 A | 13.12.1960 | NONE | |
| US3490720 A | 20.01.1970 | NONE | |
| US2198941 A | 30.04.1940 | NONE | |
| US3563496 A | 16.02.1971 | NONE | |
| US5405104 A | 11.04.1995 | NONE | |
| US 2002011539 A1 | 31.01.2002 | CA 2348217 A1 GB 2362627 AB | 22.11.2001 28.11.2001 |
| US3647315 A | 07.03.1972 | NONE | |
| US 4793572 A | 27.12.1988 | EP 0339098 A1 | 02.11.1989 |
| US6234422 B 1 | 22.05.2001 | NONE | |
| US1996750 A | 09.04.1935 | NONE | |